



share

learn

explore

care

hope

understand

believe

Strands include:

- Nature, Concepts, and Systems
- Social Interactions
- Information and Communication Tools
- Information and Communication Processes
- Information Literacy and Decision Making



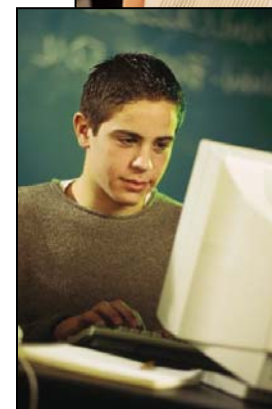
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South Dakota Educational Technology Standards



Kindergarten



Through the No Child Left Behind Act, the Enhancing Education Through Technology (Ed Tech) Program was created. The primary goal of the program is to improve student's academic achievement through the use of technology in schools. These standards were created and designed to assist every student in crossing the digital divide by ensuring that they are technologically literate by the end of their public education in South Dakota.

Standards with Indicators

Nature, Concepts, and Systems

Indicator 1: Students understand the history and progression of technology in relation to the development and design of future technology.

K.NC.1.1 Identify three human-made objects.

- ✓ Identify tools in technology.

Indicator 2: Students analyze the parts of a technological system in terms of input, process, output, and feedback.

K.NC.2.1 Identify that parts make a whole.

Indicator 3: Students analyze the relationships and connections between technologies in different fields of study and how they apply to communities.

K.NC.3.1 Identify technologies used in the home.

Indicator 4: Students understand the purpose and demonstrate the use of the design process in problem solving.

- ✓ Identify a problem.
- ✓ Gather information to solve a problem.
- ✓ Identify a solution.

Social Interaction

Indicator 1: Students understand the safe, ethical, legal, and societal issues related to technology.

K.SI.1.1 Demonstrate respect for the work of others.

K.SI.1.2 Identify five ways to respect equipment.

- ✓ Describe how using a password helps protect the privacy of information.
- ✓ Identify safe technology behaviors.

Indicator 2: Students investigate the advantages and disadvantages of technology.

K.SI.2.1 Recognize that an advantage is desirable and that a disadvantage is undesirable.

Information and Communication Tools

Indicator 1: Students recognize and demonstrate skills in operating technological systems.

K.CT.1.1 Describe technology using accurate terminology.

K.CT.1.2 Use input/output devices to operate various technologies.

- ✓ Identify basic file management commands (New, Open, Save, Print).
- ✓ Locate letters, numbers, and special keys on the keyboard.

Indicator 2: Students use technology to enhance learning, extend capability, and promote creativity.

Indicator 3: Students evaluate and select information tools based on the appropriateness to specific tasks.

K.CT.3.1 Recognize technology as a tool to help complete a task.

Information and Communication Processes

Indicator 1: Students understand the purpose of information technologies to communicate with a variety of collaborators. (Mastery of this indicator does not emerge until 2nd grade.)

Indicator 2: Students exchange information and ideas for an identified purpose through information technologies.

K.CP.2.1 Identify information technologies used for communicating ideas.

Information Literacy and Decision Making

Indicator 1: Students use technology to locate and acquire information.

K.IL.1.1 Identify what information is.

K.IL.1.2 Recognize that information can be represented in a variety of ways.

Indicator 2: Students determine the reliability and relevancy of information.

- ✓ Distinguish between fact and fiction.

NOTE: checkmarks (✓) are skills that should be introduced at this grade level to ensure mastery occurs at a later grade.

If you would like more information, specific examples or additional resources, please visit our website.

<http://doe.sd.gov/contentstandards/NCLB/index.asp>